

Greenville Overlook Environmental Daily Status Report



Date: Thursday, 9/17/09

Weather: Cloudy **Temperature:** 60° **Winds:** 1-4 mph (North-Northeast)

Items Completed Today: BrightFields was on site from 07:12 to 14:57 to monitor perimeter airborne dust levels, and monitor remediation activities and airborne dust levels during the sanitary sewer line excavation at the north end of Fairway 3.

The dust meter at location #1, (located on the western part of the property) was not properly charged and was replaced by a Dust Track dust meter. Results are attached.

The dust meter at location #5 (located in the northwest corner of the property) failed to record continuous data. Hand-recorded readings from the meter were collected approximately every hour. Dust readings at this location were less than 0.01 mg/m³ for all readings.

Lewis Environmental excavated approximately 40 linear feet of a trench on the north end of Fairway 3 (location D3) to expose a sanitary sewer line located below the remediation area. A "soft dig" Vacmaster 4000 was utilized to excavate the trench. Excavated soil was stockpiled on the corresponding remedial area for future blending or removal. BrightFields conducted soil screening of exposed areas along the sanitary sewer line trench in Green 3 (location D4) to confirm the depth of arsenic contamination. Soil samples were collected and analyzed onsite utilizing an X-Ray Fluorescence analyzer. The results of the soil analysis will be used to determine remediation depth along Green 3.

Items Ongoing:

Lewis Environmental will continue to excavate a trench along the sanitary sewer line utilizing the Vacmaster 4000 at Fairway 3 (location D3). BrightFields will continue screening the soil in the base of the trench. Excavated soil will be stockpiled on its corresponding remedial area for future blending or removal. The stockpiled material will be stabilized. Lewis Environmental will begin removing 18 inches of soil starting from the exposed sanitary sewer pipe moving 10 feet to the north. BrightFields will conduct screening sampling of the soil in the base of the excavated area to confirm removal of arsenic contamination.

Installation of haul roads will continue this week. Construction of swales and berms, per the Erosion and Sediment Control Plan, are scheduled to begin Friday, 18 September. Major blending and excavation remedial activities are expected to begin around 9/23/09.

Material Management (Soil/Wood/Water): Soil excavated from the sanitary sewer line area was stockpiled adjacent to the trench for future blending or removal.

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Personal Protection Equipment Used by Workers:

Used: Safety glasses Hard hat Steel toe boots
 Nitrile gloves Hearing protection Other:

Safety glasses and hearing protection used by the vacuum truck crew.

Sampling or Monitoring Completed:

(if yes, please specify the reason.)

Air monitoring on site No Yes, reason: Perimeter airborne dust monitoring

Soil sampling No Yes, reason: screening samples used to determine remediation depth along the sewer pipe that runs through Fairway 3 and Green 3.

Visitors Briefed on Environmental Conditions:

Synergy Environmental

Completed By: John Stratton and John Stevens

Date: 9/17/09
 Weather: Cloudy, 60°

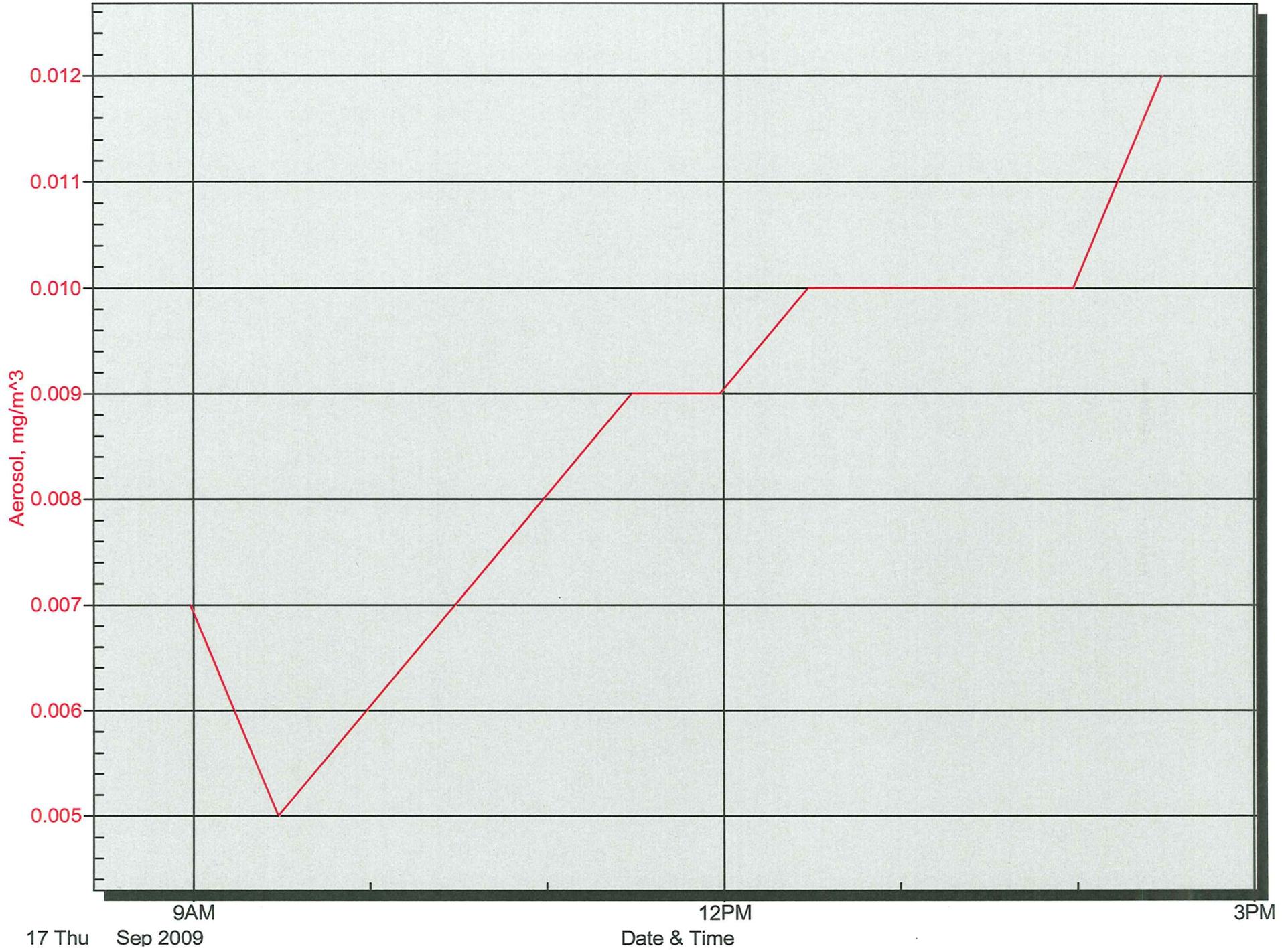
Greenville Overlook Hand-Held Dust Meter Air Monitoring Log



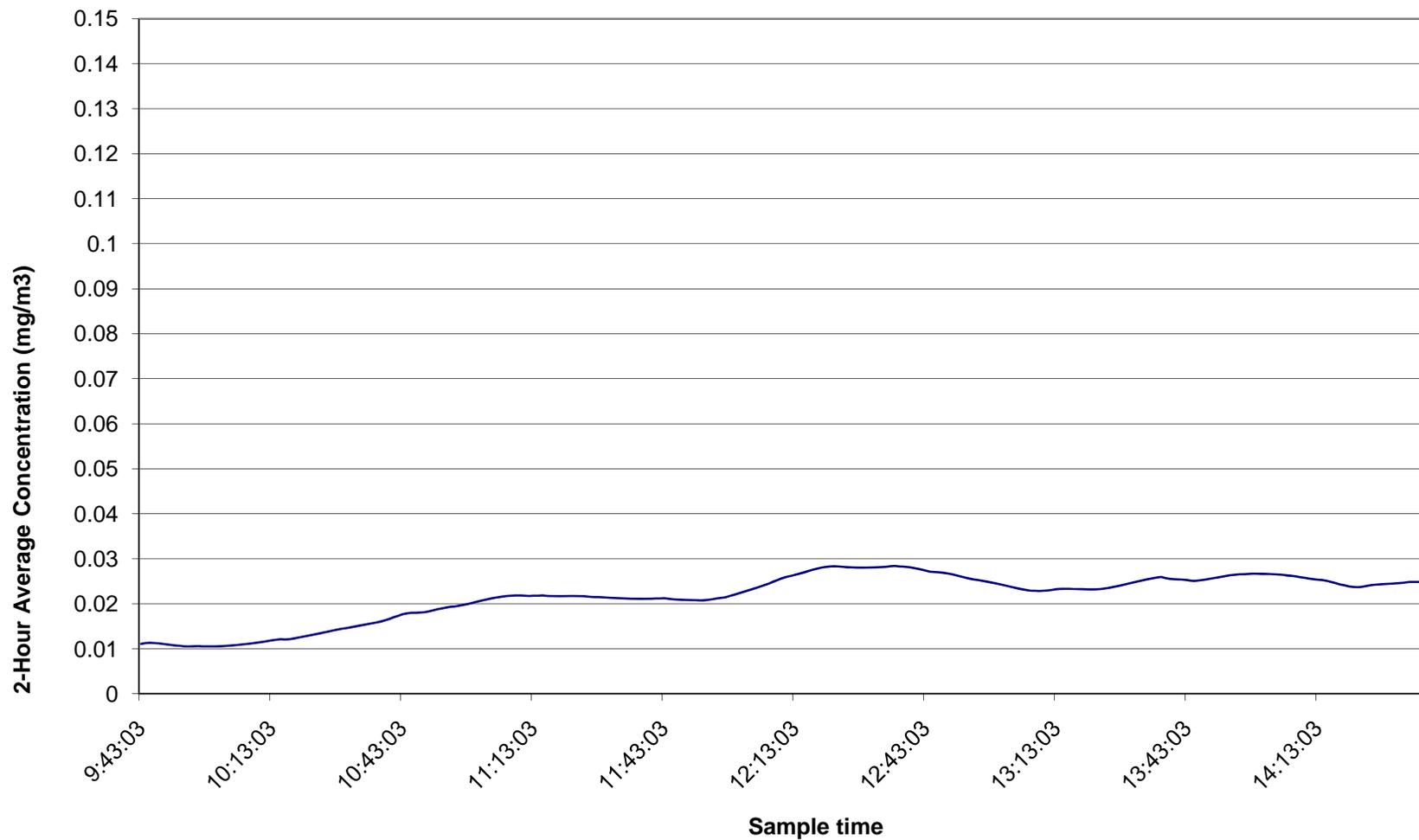
Time	Location	Dust (mg/m ³)	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
0906	Fairway 3 (D3)	0.018	Sanitary sewer excavation	No action needed
0920	Fairway 3 (D3)	0.009	Sanitary sewer excavation	No action needed
1040	Fairway 3 (D3)	0.007	Sanitary sewer excavation	No action needed
1120	Fairway 3 (D3)	0.011	Sanitary sewer excavation	No action needed
1150	Fairway 3 (D3)	0.066	Sanitary sewer excavation	No action needed
1414	Fairway 3 (D3)	0.035	Sanitary sewer excavation	No action needed
1429	Fairway 3 (D3)	0.034	Sanitary sewer excavation	No action needed
1441	Fairway 3 (D3)	0.021	Sanitary sewer excavation	No action needed

Action Levels for Dust (sustained, exceeding 5 minutes):	
<u>Dust Level</u>	<u>Level of Protection</u>
0.8mg/m ³	Level D plus engineering controls such as wetting surface.
≥ 2 mg/m ³	Stop work, evacuate workers and implement more stringent engineering controls and possible Level C.

Location: Dust Meter #1



2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 2
9/17/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³

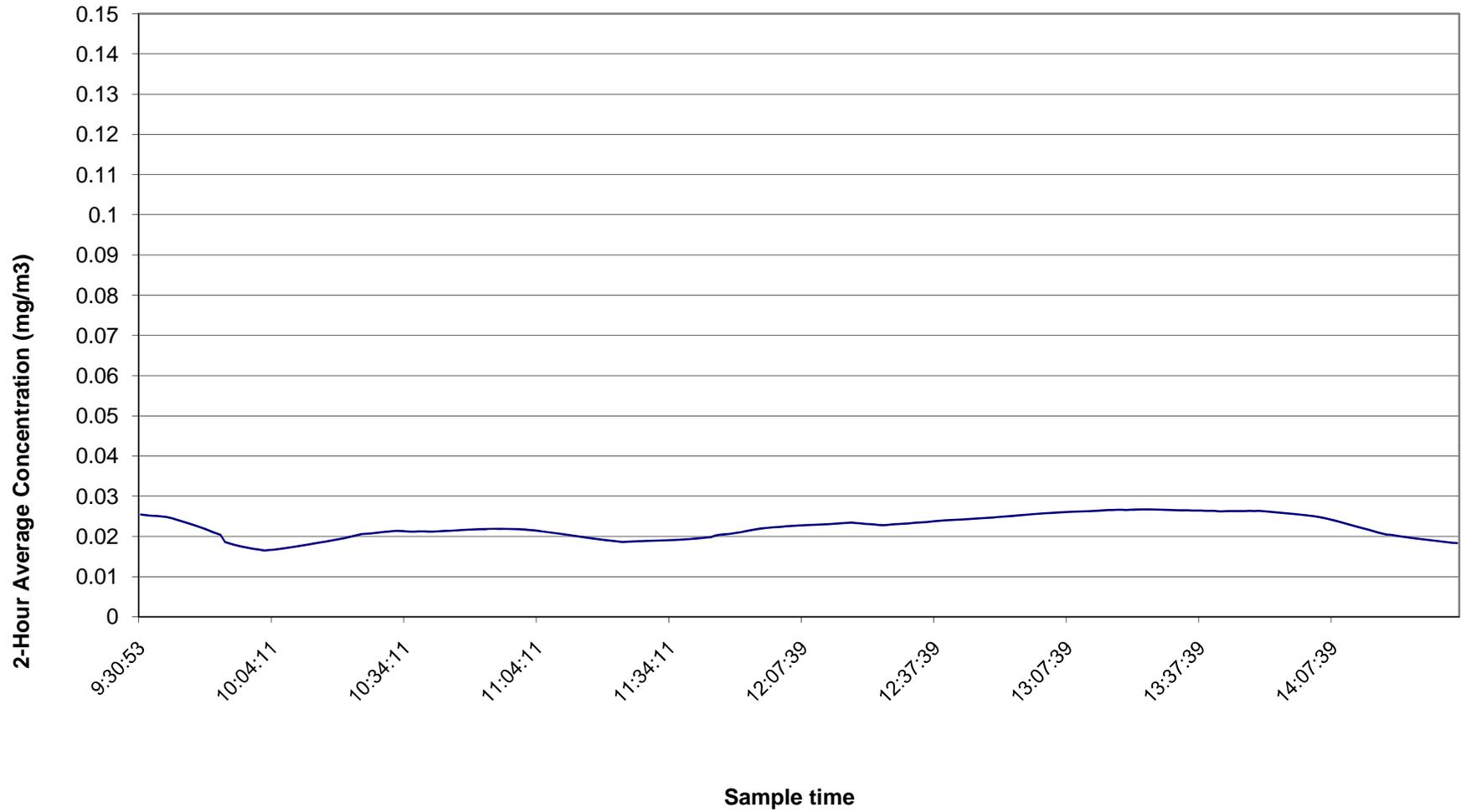


2-Hour Average Concentration Vs. Sample Time

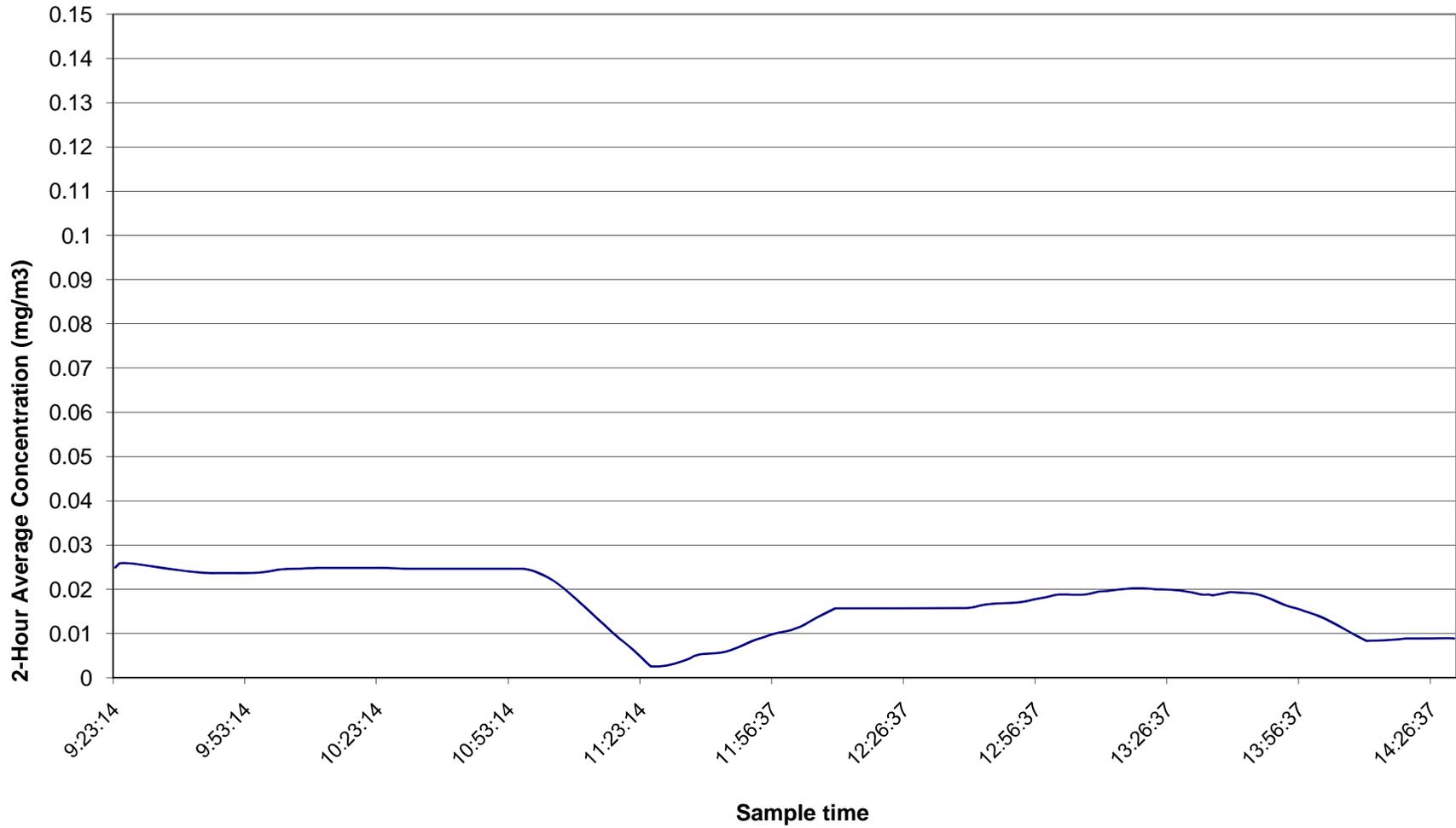
Perimeter Dust Meter Location 3

9/17/09

Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³

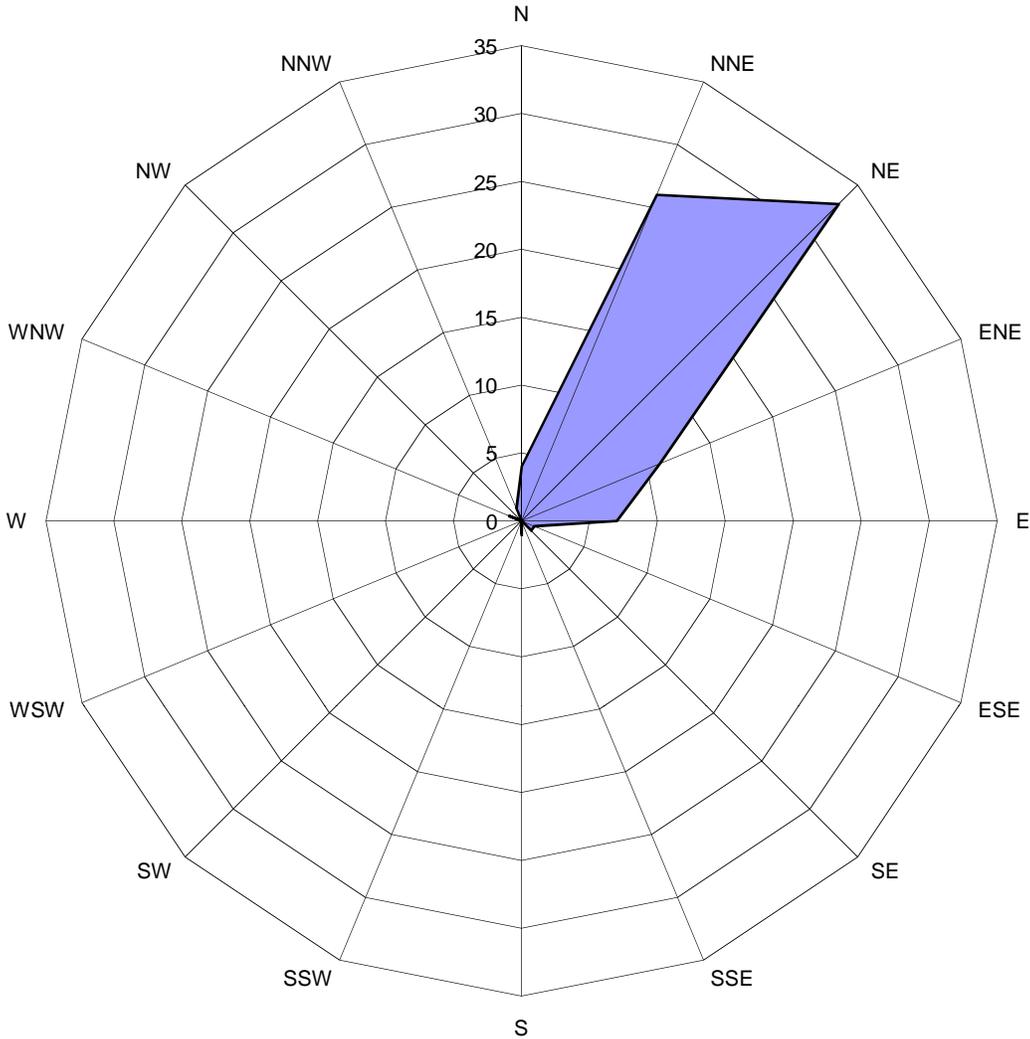


2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 4
9/17/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



Greenville Overlook Wind Direction Chart

9/17/09
7:00 AM - 2:05 PM



Windflow data is collected every five minutes and is displayed on the graph as a datapoint. Windflow is from the direction indicated.